

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:)	
)	
NOBUYUKI KAWAI ET AL.)	GROUP ART UNIT: 2746
)	
SERIAL NO.: UNASSIGNED)	EXAMINER: L. NGUYEN
DIV. OF SERIAL NO.: 08/904,312)	
)	
FILED: HEREWITH)	
)	
FOR: METHOD AND APPARATUS FOR)	ATTY. DKT. NO. 002918.00023
TRANSMITTING DATA)	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with Applicants' duty of disclosure, the enclosed information is submitted to the United States Patent and Trademark Office in connection with the above-identified application. The information is identified on the attached PTO Form-1449.

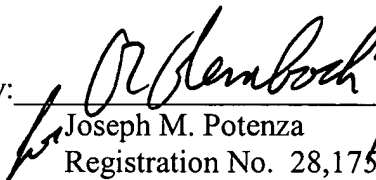
This application relies, under 35 U.S.C. §120, on the earlier filing date of prior U.S. Application Serial No. 08/904,312 filed on July 31, 1997. The references identified on the attached Form PTO 1449 were submitted to and/or cited by the Patent and Trademark Office in these prior applications and, therefore, copies are not required to be provided in this application. See 37 C.F.R. Section 1.98(d).

Applicant does not waive any right to take appropriate action to establish patentability over the listed documents should they be applied as references against the claims of the present application.

NOBUYUKI KAWAI ET AL. (Divisional of U.S. Serial No. 08/904,312)

It is respectfully requested that the Examiner fully consider each of the documents, initial the enclosed Form PTO-1449 in the appropriate place to indicate that the document has been considered, and return a copy of the initialed form to the undersigned in accordance with MPEP Section 609.

Respectfully submitted,

By: 
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Dated: January 6, 2004

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 002918.00023	SERIAL NUMBER Div. of 08/904,312
	APPLICANT Noboyuki Kawai et al.	
	FILING DATE Herewith	GROUP ART UNIT 2746

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
	5,497,371	03/1996	Ellis et al.	370	394	
	5,487,068	01/1996	Smolinske et al.	371	748	
	5,303,286	04/1994	Wiedeman	455	12.1	
	4901313		Hitachi			
	4888767		Nec			
	4985895	01/1991	Pelkey (Abstract)			
	4,439,859	03/1984	Donnan			
	4,841,526	06/1989	Wilson et al.			
	5,754,754	05/1998	Dudley et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO	
	2287383A	09/1995	Great Britain				
	0411538A2	02/1991	Nec				
	0330223A2	08/1989	Fujitsu				
	96/22641A2	07/1996	WIPO				
	0 749 225 A2	12/1996	Europe			X	
	0 319 271 A2	06/1989	Europe			X	
	2 250 897 A	06/1992	Great Britain			X	
	2 310 117 A	08/1997	Great Britain			X	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Spragins et al., Telecommunications Protocols and Design, Addison-Wesley Publishing Company, pages 316-321, 328-329, July, 1992.
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EXAMINER: Initial citation if reference was considered. Draw line through citation if not in conformance to MPEP 609 and not considered. Include copy of this form with next communication to applicant.